

# Curriculum Vitae



Vera Bühlmann  
Univ. Prof. Dr. phil.

## PERSONAL INFORMATION

Date of birth: 12.12.1974

Nationality: Swiss

Profile at [academia.edu](https://www.academia.edu)

Researcher unique identifier (ORCID): 0000-0002-2125-5307

Current Institutional Research Group Website [ATTP TU Vienna](#) (main affiliation)

[Laboratory for Applied Virtuality](#), ETH Zurich (maintenance paused since 2016)

Personal Research Blog [Monas, Oikos, Nomos](#) (since 2012, maintenance paused since 2016).

## CURRENT POSITION(S)

Since 2016

Univ. Prof. in Architecture Theory, Director of the Research Group Architecture Theory and Philosophy of Technics ATTP Faculty of Architecture and Spatial Planning/ Department of Architecture, Vienna University of Technology TU, Austria.

Since 2011

Univ. lecturer, co-director of the laboratory for applied virtuality at the Chair for CAAD Architecture Faculty, Department for Technology in Architecture ITA, Swiss Federal Institute of Technology ETH Zurich, Switzerland.

## **EDUCATION**

August 2009

PhD Summa Cum Laude, entitled “Inhabiting Media. Annäherungen an Herkünfte und Topoi medialer Architektonik” (published online at University of Basel, Switzerland: <http://edoc.unibas.ch/1354/>. Faculty of Humanities and Social Sciences/Department Arts, Media, Philosophy, Basel University, Switzerland, Supervised by Prof. Dr. Georg Christoph Tholen (main), Prof. Dr. Ludger Hovestadt (second).

October 2002

Master in English Language and Literature (main subject area), Philosophy (1st minor subject), Media Studies (2nd minor subject) Philosophical Faculty/English Department/ Zurich University, Switzerland. Master Thesis: *Containing the Outside, Towards an Understanding of the Virtual* (supervised by Prof. Dr. Elisabeth Bronfen).

## **FELLOWSHIPS**

2011/12

Guest researcher at the Future Cities Laboratory at National University Singapore.

2004-2008

Mentoring-Programm «Mefista», personal mentor Prof. Dr. Johannes Fehr, Collegium Helveticum, University Zürich and ETH Zurich.

## **INSTITUTIONAL RESPONSIBILITIES**

Since 2018

Member of the Internal Working Group at the Interdisciplinary Centre for Urban Culture and Public Space ([SKuOR](#)).

Since 2018

Member of 3 Habilitation Committees at TU Vienna and TU Innsbruck, Austria.

2016 – 2019

Member of the Curriculum Planning Committee STUKO, Faculty of Architecture and Spatial Planning, Vienna University of Technology TU, Austria.

## **FUNDED RESEARCH**

2017

PI in *Ethics of Coding: A Report on the Algorithmic Condition*, EU Horizon 2020, Jan-Dec.2017. [Project at EU website](#), project blog [here](#).

2014-18

Swiss Representative in EU COST ACTION IS1307 on [New Materialisms](#), directed by Prof. Iris van der Tuin (Utrecht University, Utrecht) and Prof. Felicity Colman (Kingston University, London). <http://newmaterialism.eu>.

## **REVIEWING ACTIVITIES**

Since 2018

Reviewer, *Philosophy Today* (a peer-reviewed journal edited by Peg Birmingham), published by Philosophy Documentation Center (United States).

Since 2015

Reviewer, Edinburgh University Press, Edinburgh UK.

Since 2014

Scientific Advisory Board, Center for Expanded Poetics CEP, Concordia University, Montreal, Canada.

Since 2012

Editorial Board of the applied virtuality book series, publisher: Birkhäuser / ETH Zurich/Switzerland.

Since 2006

Reviewer, Swiss National Science Foundation SNF/Bern, Switzerland.

## **TEACHING EXPERIENCE**

Since 2016

Univ. Prof. In Architecture Theory, TU University of Technology Vienna, Austria, BA and MA and PHD courses.

Since 2012

Univ. Lecturer, PHD course in Philosophy of Technics, Swiss Federal Institute of Technology ETH, Switzerland.

WS 2019

Guest Prof. in Architecture Theory, Innsbruck University of Technology, Austria (PHD seminar).

WS 2014

Guest Professor at TU University of Technology Vienna, Austria (Department a-theory).

2004 – 2008

Scientific Assistance and Univ. Lecturer, School of Art and Design, University of Applied Sciences North-Western Switzerland, Basel.

## **SUPERVISION OF GRADUATE STUDENTS AND POSTDOCTORAL FELLOWS**

Since 2016

5 PHD students with ongoing projects (first supervisor), 2 Post-Doc fellows, at Department for Architecture Theory and Philosophy of Technics ATTP, Faculty of Architecture and Spatial Planning, University of Technology TU Vienna.

Since 2012

4 PHD students who completed their projects, 3 PHD students with ongoing projects, in the role as second supervisor, at Chair for CAAD, Architecture Faculty, Department for Technology in Architecture ITA, Swiss Federal Institute of Technology ETH Zurich, Switzerland.

2012 – 2016

24 Postgraduate Diploma Thesis of the MAS Postgraduate Course “Information and

Architecture”, co-director of the program, Chair for CAAD, Architecture Faculty, Department for Technology in Architecture ITA, Swiss Federal Institute of Technology ETH Zurich, Switzerland.

## **ORGANIZATION OF ACADEMIC CONFERENCES (Selection)**

*Sophistication Conference #2*, An International Symposium on Architecture, Technics, Theory, and Thinking, yearly theme: Instead of Statements, Articulation, Vienna University of Technology TU, Austria / 18 speakers, 80 participants, Lectures online at [ATTP YouTube Channel](#), Program on [academia.edu](#).

*Architektur Theorie Tage ATT*, the Annual Meeting of Colleague Professors in Architecture Theory in German speaking Europe/ Vienna University of Technology TU, Austria / 25 participants. Keynote Lectures online at [ATTP YouTube Channel](#).

*Sophistication Conference #1*, An International Symposium on Architecture, Technics, Theory, and Thinking, yearly theme: Sophistication: Rhetorical, Geometrical, and Computational Articulation / Vienna, Austria / 13 Speakers, 80 Guests. Lectures online at [ATTP YouTube Channel](#), Program on [academia.edu](#).

*Philosophical Coding: Towards A Quantum Literacy*, Conference as part of the EU Horizon 2020 Project EoC (No.732407, Ethics of Coding, A Report on the Algorithmic Condition, Vienna University of Technology TU, Austria / 8 speakers, 40 participants, Lectures online at [ATTP website](#).

*Within the Domain of the Sun's Inverse. Or: Where are we when Thinking Computationally? Speculative Reasoning and the Nature of the Cosmos*, Cabaret Voltaire, Zurich, 10 speakers, 30 participants, documentation [online](#).

*Materialism Without Territory: Art and the Environment*, Cabaret Voltaire, Zurich, 6 speakers, 40 participants, documentation [online](#).

*Coding as Literacy*, Metalithikum Colloquy #5, Library Werner Oechslin, Einsiedeln, Switzerland, 12 speakers, 25 participants, lectures online at [applied virtuality vimeo site](#). Proceedings published as Vol. 4 of the book series by Birkhäuser 2016.

*Symbolizing Existence*, Metalithikum Colloquy #3, Library Werner Oechslin, Einsiedeln, Switzerland, 9 speakers, 15 participants, program [online](#), lectures online at [applied virtuality vimeo site](#). Proceedings published by Birkhäuser 2015.

*Domesticating Symbols*, Metalithikum Colloquy #2, Library Werner Oechslin, Einsiedeln, Switzerland, 7 speakers, 15 participants, program [online](#), lectures online at [applied virtuality vimeo site](#). Proceedings published by Birkhäuser 2014.

*Printed Physics*, Metalithikum Colloquy #1, Library Werner Oechslin, Einsiedeln, Switzerland, 6 speakers, 20 participants, program [online](#), lectures online at [applied virtuality vimeo site](#). Proceedings published by Birkhäuser 2012.

## INVITED KEYNOTE LECTURES (Selection)

“Architecture and the Meteora. On Cornucopian Instruments, Architectonic Dispositions, and Capital Concepts”, *The Sliver Lecture Series* at Die Angewandte in Vienna, Austria, Jan. 8 2019, lecture [online](#).

“Who speaks in Architectural Articulations? On Cornucopian Instruments, Architectonic Dispositions and Capital Concepts”, at *Scaffolds. Open Encounters with Society, Art, and Architecture. International Symposium*, Brussels, Belgium, Nov. 22-23 2018, documentation [online](#).

“Exhaustion, or How to Think about the Location of Meaning”, *Manifest 2018, Forum Vertigo, Coding the Word*, at Centre Pompidou, Paris France, June 14 2018, documentation [online](#).

“Exhaustion? A Treaty on the Condition of Current Architecture Theory”, *The Bartlett International Speaker’s Series*, London UK, March 14 2018, lecture [online](#).

“Incandescent Materialism, Literacy in Quantum Writing”, New Materialisms Conference: *Materialist Politics and Economies of Knowledge*, October 3 2015, Maribor Slovenia (manuscript on my [academia.edu](#) page).

“Generic mediality, and the Real as the physical substance of technical criticality (gk. *krinein*, Ermessen)”, an invited response to Mark Hansen’s keynote lecture at the joint

annual conference of the Society for European Philosophy and the Forum for European Philosophy, September 3-5, 2014 at Utrecht University, with the annual theme: [Philosophy after Nature](#).

Keynote lecture at the “Agency/Agents of Urbanity Colloquium,” June 1-2 2015 at EPFL in Lausanne (organizers: Michael R. Doyle and Dario Negueruela del Castillo).

## **PUBLICATIONS (Selection)**

### *Monographs:*

*Mathematics and Information in the Philosophy of Michel Serres*, Bloomsbury, London 2019 (im Erscheinen).

*A Genius Planet – Energy: From Scarcity To Abundance, A Radical Pathway* (with Ludger Hovestadt, Sebastian Michael), Birkhäuser, Basel/Wien 2017.

*Nachricht als Medium. Generische Medialität, Städtische Architektur*, ambra, Wien/New York 2014.

### *Anthologies*

:

*Sheaves. When Things Are Whatever Can Be the Case* (mit Ludger Hovestadt), ambra, Wien/New York, 2013.

*A Quantum City* (mit Ludger Hovestadt, Sebastian Michael, Diana Alvarez-Marin, Miro Roman), Birkhäuser, Basel/Wien/New York, 2015.

### *Edited Volumes:*

*The Ghost of Transparency: An Architectonics of Communication* (mit Michael R. Doyle, Selena Savic), Birkhäuser/de Gruyter, Basel, 2019 (im Erscheinen).

*Paris Hermitage* (mit Valle Medina, BenjamiN Reynolds), Cooperative Editions, New York, 2016.

*Coding as Literacy – Metalithikum IV* (Hrsg. mit Ludger Hovestadt, Vahid Moosavi), Birkhäuser, Basel/Wien/New York, 2016.

*Symbolizing Existence – Metalithikum III* (Hrsg. mit Ludger Hovestadt), Birkhäuser, Basel/Wien/New York 2015.

*Domesticating Symbols – Metalithikum II* (Hrsg. mit Ludger Hovestadt), ambra, Wien/New York 2014.

*EigenArchitecture, Computability as Literacy* (Hrsg. mit Ludger Hovestadt), ambra, Wien/New York 2014.

*Printed Physics – Metalithikum I* (Hrsg. mit Ludger Hovestadt), Springer, Wien/New York 2012.

*Pre-specifics. Some Comparatistic Investigations on Research in Art and Design* (Hrsg. mit Martin Wiedmer), JRP|Ringier, Zürich 2008.

*Pre-specifics. Komparatistische Betrachtungen zur Forschung in Kunst und Design* (Hrsg. mit Martin Wiedmer), JRP|Ringier, Zürich 2008.

*MetaWorx – Approaches to Interactivity* (Hrsg. mit Association Metaworx), Birkhäuser, Basel/Boston 2003.

*Articles (Journals, peer reviewed):*

“Photosynthesis as a Capital Concept”, invited contribution to *Philosophy Today*, “*Materialist Concepts*”, guest edited by Iris van der Tuin and Adam Nocek, Charlottesville: Philosophy Documentation Center, 2019 (im Erscheinen).

“And the Planets do Speak ...”, invited contribution to Grey Room, “Designing Planetary Expertise”, guest edited by Adam Nozek and Stephen Loo, Cambridge: MIT Press 2019 (im Erscheinen).

“The Digital, a Continent? Within the Object-Space of Cunning Reason”, in *Intersections: At the Technophysics of Space*, guest edited issue of *Azimuth*.



*Philosophical Coordinates in Modern and Contemporary Age*, ed. by Georgios Tsagdis, Susanna Lindberg, 2018, S. 149-161.

“Introduction to New Materialist Genealogies: New Materialisms, Novel Mentalities, Quantum Literacy”, with Felicity Colman, Iris van der Tuin, in *The Minnesota Review: a journal of creative and critical writing*, issue 88, Durham: Duke University Press 2017, S. 47-58.

“Digital Literacy in Architecture: How Space is Organized by Computation”, with Selena Savic, in: *Proceedings of the 2017 CHI Conference, Extended Abstracts on Human Factors in Computing Systems*, ACM Press, 2017, S. 2909 - 2914.

“Offen ist abstrakt – Für eine Philosophie der Künstlichkeit, oder: Das Generelle lebt seine eigene Geschlechtlichkeit”, in: *Open Architecture. WiePartizipationsgesellschaft und technologischer Wandel die Architektur der Zukunft verändern werden*, Hrsg. von Michael Peter Steinbusch and Dominik Wachter, Dresden 2013, S. 69-79.

“Articulating Quantities, if Things Depend on Whatever Can Be the Case” in: FRAKCIJA performing arts magazine, *The Art of Concepts*, Hrsg. Nathan Brown und Petar Milat, Centre for Drama Art & Academy of Drama Art, Zagreb 2013, S. 100-111.

*Articles (Lexika):*

“Architectonic Dispositions”, in Rosi Braidotti, Maria Hlavajova (eds.). *Posthuman Glossary*, London: Bloomsbury 2017, S. 55-58.

“Negentropy”, in Rosi Braidotti, Maria Hlavajova (eds.). *Posthuman Glossary*, London: Bloomsbury 2017, S. 273-76.

“Equation”, in Rosi Braidotti, Maria Hlavajova (eds.). *Posthuman Glossary*, London: Bloomsbury 2017, S. 133-137.

“Invariance”, in Rosi Braidotti, Maria Hlavajova (eds.). *Posthuman Glossary*, London: Bloomsbury 2017, S. 212-216.

“Non-Anthropocentric Thought” in Rosi Braidotti, Maria Hlavajova (eds.). *Posthuman Glossary*, London: Bloomsbury 2017, S. 247-51.

“Medien” in: Johannes M. Hedinger, Marcus Gossolt (Hrsg.), *La réalité dépasse la fiction. Lexikon zur zeitgenössischen Kunst*, Verlag Niggli AG, Sulgen/Zurich 2010, S. 110-111.

“Simulation” in: Johannes M. Hedinger, Marcus Gossolt (Hrsg.), *La réalité dépasse la fiction. Lexikon zur zeitgenössischen Kunst*, Verlag Niggli AG, Sulgen/Zurich 2010, S. 156-157.

“Virtualität” in: Johannes M. Hedinger, Marcus Gossolt (Hrsg.), *La réalité dépasse la fiction. Lexikon zur zeitgenössischen Kunst*, Verlag Niggli AG, Sulgen/Zurich 2010, S. 185-186.

*Articles (book chapters):*

“Cosmoliteracy and Anthropography”, in Rick Dolphjin (Ed.), *Michel Serres and the Crisis of the Contemporary* (Bloomsbury, London 2018), S. 31-50.

“Vicarious Architectonics, Strange Objects” in *Architectural Materialisms: Nonhuman Creativity*, ed. by Maria Voyatzaki, Edinburgh University Press, Edinburgh, 2018.

“Generic Mediality: On the Role of Ciphers and Vicarious Symbols in an Extended Sense of Code-based ‘Alphabeticity’” in Rosi Braidotti & Rick Dolphjin (Hrsg.), *Philosophy After Nature*, Rowman & Littlefield, London 2017, 31-54.

“Symbolic Solids or: The Contract of the Architect“ in: *The Building*, J. Aragüez (Hrg.); Lars Müller Publishers, Baden, Baden, 2016, S. 262 - 269.

“A Mathematical Drama: Articulating a Thing Entirely in its own Terms” in: Vera Bühlmann, Ludger Hovestadt (Hrsg.), *Symbolizing Existence – Metalithikum III*, Birkhäuser, Basel/Wien 2016, S. 158-210.

“The Breathtaking Luxury of Thinking: Architectonic Affirmation in an Inversive Universe” in: *Paris Hermitage*, Valle Medina, Benjamin Reynolds, Vera Bühlmann (Hrg.); Cooperative Editions, New York, 2016, S. 27 - 35.

“Ichnography – the Nude and its Model. An Alphabetic Absolute and Storytelling in the Tense of the ‚Cryptographical Locative’” in: Vera Bühlmann, Ludger Hovestadt, Vahid Mosavi (Hrsg.), *Coding as Literacy – Metalithikum IV*, Birkhäuser, Basel/Wien 2015.

“Zugabe. Die Geburt des Komischen – Oder: Wie das Nichts seine Authentizität durch Einkleidung erlangt,” in: *Kunst und Bau* Nummer 1 2014, Potsdam Stadtschloss: Zugabe – ein Kunstwerk von Florian Dombois, hrsg. von Josef Felix Müller, Vexer Verlag St Gallen, 2014.

“Arché, Arcanum, and Articulation. The Universal and its Characteristics,” in: Vera Bühlmann, Ludger Hovestadt (Hrsg.), *Domesticating Symbols – Metalithikum II* ambra, Wien/New York 2014, p. 112-177.

“Articulating a Thing Entirely in its Own Terms Or: What Can We Understand by the Notion of Engendering,” in: Ludger Hovestadt, Vera Bühlmann (Hrsg.), *EigenArchitecture*, ambra Wien/New York 2014, S. 69-127.

„Postscript. The Quickness of Matter Doped in its Polyalphabetic Textuality, Or: The Articulation of Articles Beyond Prescript and Postscript,“ in: Manuel Kretzer, Ludger Hovestadt (Hrsg.), *Alive. Advancements in Adaptive Architecture*, Birkhäuser, Basel/Wien 2014, S. 158-163.

“The Integrity of Objects: Design, Information, and the Form of Actuality” in: Jenna Sutela (Hrsg.), *Add Metaphysics*, Aalto University Digital Design Laboratory, ADDLAB, Helsinki 2013, S. 68-92.

“Primary Abundance, Urban Philosophy. Information and the Form of Actuality” in: Vera Bühlmann, Ludger Hovestadt (Hrsg.), *Printed Physics – Metalithikum I*, Springer, Wien/New York 2012, S. 114-154.

“Genuinely Procedural Shapes. Neo-Baroque Ornamentation, Architectonic Articulations,” in: Neil Leach, Philip Yuan (Hrsg.), *Scripting the Future*, Tongji University Press, Shanghai 2012.

“Tau, und zwar von den Bermudas. Peter Sloterdijk’s analytisches Spiel mit der synthetischen Kraft phantastischer Philosophie,” in: Marc Jongen, Sjoerd van Tuinen und Koenrad Hemelsoed (Hrsg.), *Die Vermessung des Ungeheuren. Versuche über Peter Sloterdijk*, Fink Verlag, München 2010, S. 56-72.

“Pre-specifics. Considering the Design of Mediality,” in: Freek Lomme, Michael Capio (Hrsg.), *Pre-specifics: Access X!* Onomatopée 52, Eindhoven 2010, S. 15-33.

“Applied Virtuality. On the Problematics Around Theory and Design,” in: Michael Hampe, Silke Lang (Hrsg.), *The Design of Material, Organisms and Minds*, Springer, Wien/New York 2010, S. 119–131.

“Streaming Spaces. A Short Expedition Into the Space of Media-Active Façades” (mit Klaus Wassermann), in: Christoph Kronhagel (Hrsg.), *Mediatecture*, Springer, Wien/ New York 2010, S. 334-345.

“LifeClipper – Commonality in Images” (mit Klaus Wassermann, Jan Torpus), in: Jeremy Hight, Jack Ox, Erik Champion (Hrsg.), *Creative Data: Visualization, Augmentation, Tele-presence And Immersion*, Special Issue for Leonardo Electronical Almanac, MIT Press, 2009.

“Pseudopodia. Prolegomena to a Discourse on Design” in: Vera Bühlmann, Martin Wiedmer (Hrsg.), *Pre-specifics. Some Comparatistic Investigations on Research in Art and Design*, JRP| Ringier Press, Zürich 2008, S. 21-80.

“Für eine Architektur kommunikativer Milieus” in: Jens Schröter, Tristan Thielmann (Hrsg.), *Navigationen. Zeitschrift für Medien- und Kulturwissenschaften*, Universitätsdruckerei der Universität Siegen, Vol. 02/2006, S. 85-104.

“Volatile Milieus. The Poetics of Interactivity“ in: Association MetaWorx (Hrsg.), *Approaches to Interactivity*, Birkhäuser Basel/Boston 2003, S. 6-24.